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OSA-1440-64  
Copy 3 of 6

Contract No. BH-1934  
Task Order No. 3

19 MAR 1964

Raytheon Company  
Space & Information Systems Division  
Autometric Operation  
Alexandria, Virginia

Gentlemen:

1. In accordance with the provisions of Contract No. BH-1934 and effective upon your acceptance hereof, you are authorized to proceed with the performance of Task Order No. 3 to said contract.

2. The scope of work to be performed under this Task Order and such additional provisions as may be applicable are set forth in the attached Schedule.

3. The estimated cost for the performance of this Task Order, exclusive of fixed fee, is \$35,179.00. Cost in excess of this amount shall not be incurred without prior written authorization of the Contracting Officer.

4. The fixed fee for the performance of this Task Order shall be \$2,814.00.

5. The work and services to be performed under this Task Order shall commence on or about 5 December 1963 and shall be completed on or before 30 June 1964; however, said period of performance may be extended by mutual agreement.

6. Upon execution of all copies of this Task Order, please return the original and one copy to the undersigned and retain the remaining copy for your files.

Very truly yours,

Contracting Officer

ACKNOWLEDGED & ACCEPTED  
Raytheon Company  
Space & Information Systems  
Division/Autometric Operation

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TITLE GENERAL MANAGER

DATE 23 MARCH 1964

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Task Order No. 3  
Contract No. BH-1934

**SCHEDULE**

**PART I - SCOPE OF WORK**

Contractor shall furnish the necessary personnel, services and facilities to perform the following work:

The following are the basic tasks to be performed:

**1. Reference Grid:**

Establish a master reference grid over the Arctic region for use in cataloging all ice data pertinent to the ice prediction program. Each grid square will be subdivided into 30 x 30 n.m. grid areas to further index the ice data into smaller study areas.

**2. Interpretation:**

Determine the ice concentration and phenomena of predetermined 30 mile square areas on each frame containing cloud free areas.

**3. Mensuration:**

- a.. Measure all cracks on each frame to determine the centroid position (grid and geographics), orientation, length of major and minor axis, and total clutter within the crack.
- b. Measure the centers of the predetermined 30 mile square area in order to determine the geographic and grid position for plotting the concentration and phenomena data.
- c. Measure all stellar frames of the selected terrain frames.

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**4. Computations:**

- a. Compute orientation and orbital position of each selected camera station.
- b. Compute the necessary data required for each crack as established in paragraph 3a and those positions as required in 3b.

**5. Data Handling:**

Establish card formats and data processing procedure for indexing and analysing the ice data.

**6. Photo Maps:**

Make a 2X enlargement print of each selected frame and mount each print on individual pieces of hard board with a compiled neckline of geographic and grid values.

**7. Available Products:**

Evaluate additional materials as they become available to determine useability in this program.

**8. Data Analysis:**

Summarize and intergrate results of measurement and interpretation data.

**PART II - DELIVERY**

Contractor shall furnish the data called for under PART I to the Government on or before 30 June 1964.

**PART III - OVERHEAD LIMITATION**

The parties hereto have negotiated and agreed for purposes of this Task Order and notwithstanding any other provisions of the contract to the contrary, that in no event shall the Contractor be reimbursed for actual overhead costs in excess of 130% for costs incurred in the Calendar Year 1964.

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